

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5586942
<b>Application Number:</b>	10519699
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6928
<b>Title of Invention:</b>	Ion implantation device and a method of semiconductor manufacturing by the implantation of boron hydride cluster ions
<b>First Named Inventor/Applicant Name:</b>	Thomas N. Horsky
<b>Customer Number:</b>	27160
<b>Filer:</b>	John S. Paniaguas/Anna Franz
<b>Filer Authorized By:</b>	John S. Paniaguas
<b>Attorney Docket Number:</b>	211843-00032
<b>Receipt Date:</b>	25-JUN-2009
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<b>Time Stamp:</b>	14:32:09
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part/.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	IDS.PDF	146724 33c2906c2f184807e0fchfa0fb4fcab41ac 5fe	no	3

### Warnings:

Information:
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2	Information Disclosure Statement (IDS) Filed (SB/08)	Form1449.PDF	80836 e1968500c0bae9bf11r9936e42a46f7a2c3 968d	no	1
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Total Files Size (in bytes):	227560
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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/D/O/E/O/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.